

ABSTRACT

A gear mechanism is provided with a change-direction gear set to change a rotation direction of a driving force at a right angle, the change-direction gear set comprising a first change-direction gear and a second change-direction gear; an input shaft rotating coaxially and integrally with the second change-direction gear; an output shaft disposed in parallel with the input shaft; a power transmission device coupling the input shaft with the output shaft; a housing member housing the input shaft, the output shaft and the power transmission device; a pair of first bearings aligned in an axial direction, the first bearings rotatably supporting the input shaft with respect to the housing member; a pair of second bearings aligned in an axial direction, the second bearings rotatably supporting the output shaft with respect to the housing member; and a pair of third bearings rotatably supporting the first change-direction gear with respect to the housing member. The power transmission device is disposed between the pair of the first bearings, and at least any one pair of the first bearings and the second bearings are disposed in the vicinity of the second change-direction gear.